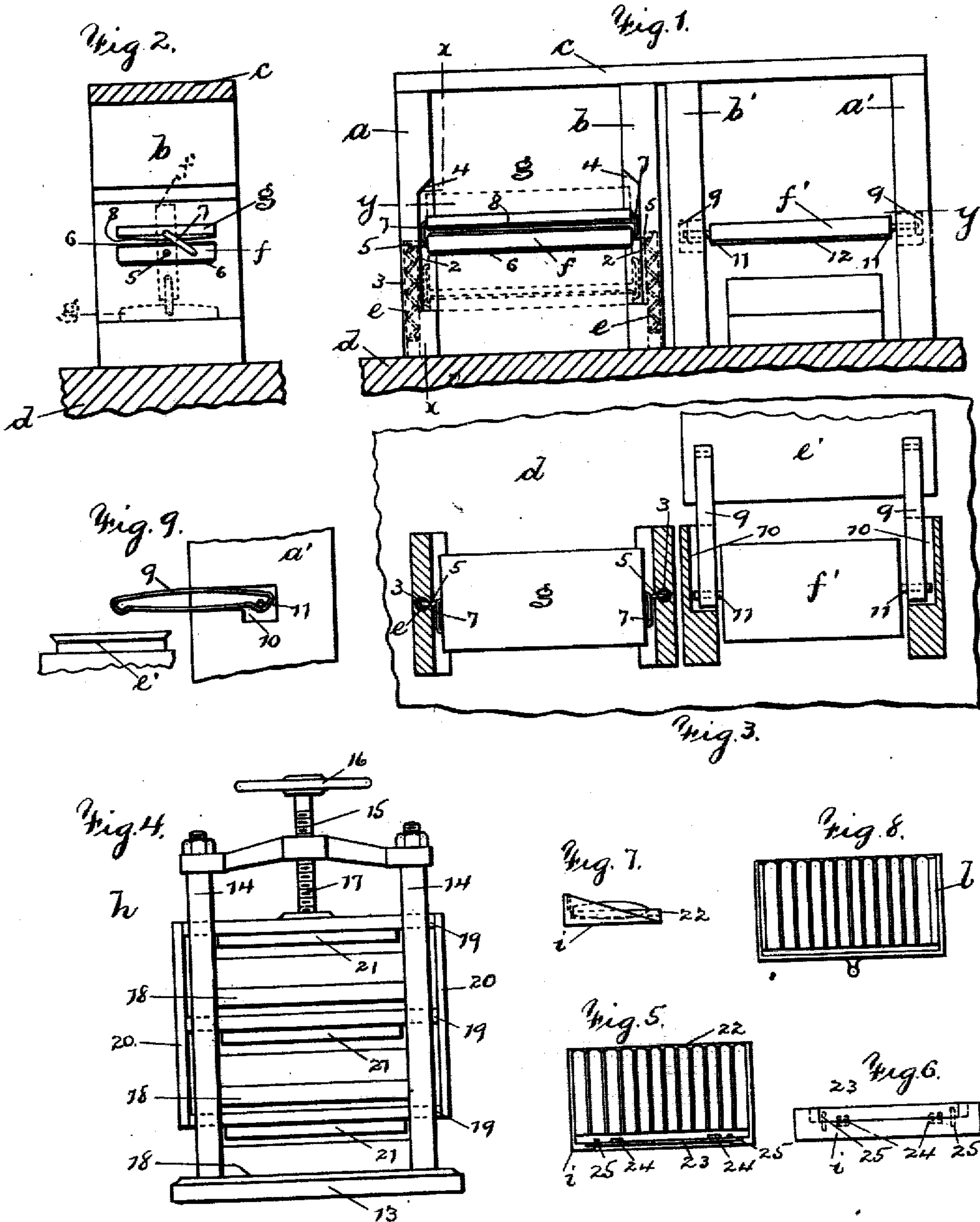


A. GRUENBERG.
CIGAR MARKER.
APPLICATION FILED JAN. 2, 1906.



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CIGAR-MARKER.

No. 820,044.

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To all whom it may concern:

Be it known that I, AARON GRUENBERG, a citizen of the United States, residing in the borough of Manhattan, city, county, and State of New York, have invented an Improvement in Cigar-Markers, of which the following is a specification.

My invention relates to a cigar-marker; and the object thereof is the provision of an improved apparatus for stamping cigars with a prearranged mark—such, for instance, as the name by which the cigar is known in the market—not only to identify the cigar, but also to enhance its general appearance.

In carrying out my invention I employ, in conjunction with a suitable frame, a reversible marker movable vertically in the frame, a moistener connected to said marker and movable therewith, and means for applying a suitable coloring-matter to those portions of the cigars to which the marker has been applied, all of which, together with the accessory devices employed with and the manner of using the apparatus, will be hereinafter more particularly described.

In the drawings, Figure 1 is a front elevation of my improved marker. Fig. 2 is a section on line *x x*, Fig. 1. Fig. 3 is a sectional plan on line *y y*, Fig. 1. Fig. 4 is a front elevation of the press employed in conjunction with my improved marker. Fig. 5 is a plan of the trays employed in the use of my improved marker. Figs. 6 and 7 are respectively a front and side elevation of the same. Fig. 8 is a plan of the scoop employed; and Fig. 9 is a partial side elevation of an upright member, showing the spring-support for the duster.

Referring particularly to the drawings, I employ a frame comprising end uprights *a a'*, adjacent uprights *b b'*, and an upper cross arm or member *c*, all suitably mounted on a stand or table *d*. Centrally the inner faces of the upright members *a b* are provided with longitudinal slots, each of which passes from the surface of the upright to a bore 3, with which each of these uprights is provided, and in each of the said bores 3 a helical or other spring *e* is employed. Moreover, the inner faces of the uprights are preferably notched in corresponding positions, as indicated at 4, for a purpose hereinafter specified.

f designates a marker extending between the faces of the recessed portions 4 of the uprights *a b* and provided at its opposite ends with trunnions 5, adapted to pass through

the slots 2 and into the bores 3 in the uprights *a b* and to rest upon the upper ends of the springs *e*, contained in the bores in these uprights. On opposite faces of the marker I prefer to employ suitable stamps 6, of rubber or other material bearing the characters constituting the mark to be applied to the cigars. As commonly packed in boxes there are varying numbers of cigars to a row, and as I intend to mark all of the cigars in a given row at one stamping I prefer to arrange the stamp on one face of the marker with a certain number of sets of characters and on the other face with a different number of sets of characters, all the characters on both sides being suitably spaced and in alinement, and the rubber stamps may be made removable, so that a stamp bearing any number of sets of characters may be employed.

g is a moistener, which, like the marker, extends between the faces of the notched portions 4 of the uprights *a b*, and the moistener is connected to the marker by means of hinge members 7, extending from an off-center position in either end of the marker *f* to the central points in the end of the moistener *g*. One face of the moistener *g* is provided with a pad 8, adapted to receive and to be saturated with a solution of adhesive material—such, for instance, as banana-oil, thin glue or mucilage, or glycerin, and it will be manifest from the construction hereinbefore described that the stamp on either side of the marker may be brought into contact with the surface of the pad, and by so doing the characters on the stamp will be coated with a film of the adhesive material. Normally the moistener *g* will fall to the position shown in dotted lines, Fig. 2, and rest upon the shoulder formed by the recessed portion for this purpose. The inner or opposing faces of the uprights *a' b'* are recessed in corresponding positions to receive springs 9.

f' is a duster member employed between the uprights *a' b'* and provided at its opposite ends with suitable trunnions 11, adapted to slide within the springs 9 and to rest in suitable notches at either end thereof. The springs 9 are secured in horizontally-disposed positions within recesses 10 in the inner faces of the uprights *a' b'*, so that the duster member *f'* may be forced downward against the action of the springs 9 either within or without the uprights *a' b'*. One face of the duster member *f'* is provided with a suitable pad 12, adapted to receive a suitable coloring mate-

rial—such, for instance, as gilt or powdered bronze—with which the marks on the cigars are to be made.

In carrying out my invention and in connection with the hereinbefore-described apparatus I employ a press *h*. This press preferably comprises a base 13, uprights 14, a yoke 15, hand-wheel 16, and a feed-screw 17. Extending between the uprights 14 of the press and secured thereto in equally-spaced-apart positions, I employ a series of platforms 18, and connected to the feed-screw 17 I employ a frame comprising a series of cross members 19, the opposite ends of which each pass through suitable slots in the uprights 14 and are connected by end members 20. The number of cross members 19 preferably corresponds to the number of platforms 18, a cross member coming above each platform, and on its under side each cross member is provided with a depending form 21. I also employ a series of trays *i*. (Illustrated in Figs. 5, 6, and 7.) Each tray contains a form 22, adapted within suitable parallel grooves to receive the number of cigars to be contained in a row in a box. The face of each tray is provided with a flap 23, secured thereto by hinges 24 and normally maintained in an upright position by springs 25; but this flap may be turned inwardly in transferring the tray from one position to another to bear against the ends of the cigars to keep the same in place.

In the use of the apparatus the trays containing the cigars are placed on the platforms of the press and pressure applied, the forms 21, carried by the cross members of the frame of the press fitting within the trays and corresponding to the forms therein. The cigars being thus shaped are removed from the press and after being marked, as hereinafter set forth, are transferred from the trays to the boxes by means of the scoop *l*, (shown in Fig. 8,) which is preferably grooved to keep the cigars in alinement.

The trays may be made to fit between the uprights *a b*, and a suitable stop may be employed for the edge of the tray to abut against to insure the cigars assuming a correct position, and a tray being placed between the uprights the marker *f* may now be brought down against the action of the springs *e* to contact with the cigars and leave upon each one an imprint in the adhesive

material of the characters comprising the mark. The tray with the cigars in the form may now be transferred from the position between the uprights *a b* to a similar position between the uprights *a' b'*, whereupon the duster is brought down on the cigars and a portion of the dust on the duster-pad will be deposited thereon. The tray is now removed and the cigars therein subjected to a suitable blower, which carries away all of the dust except that adhering to the adhesive material left on the cigars by the marker.

It will be understood that when the duster member is brought down to contact with the cigars it is in its position within the uprights *a' b'* and that to replenish the coloring-matter on the duster-pad the duster is moved to the opposite ends of the springs 9 and depressed to bring the pad into contact with a supply of coloring material contained in a pan *e'*.

I claim as my invention—

1. A cigar-marker comprising a frame, a marker vertically movable in said frame, means for yieldingly supporting the marker, a moistener and hinges connecting the ends of the marker and moistener so that the former is reversible and may have either of its faces brought into contact with said moistener.

2. A cigar-marker comprising a frame, a vertically-movable marker, springs within said frame and upon which the marker is yieldingly supported, means for guiding the marker in its vertical movement, a moistener and means for connecting said moistener to said marker so that either face of the marker may be brought against the moistener.

3. A cigar-marker comprising a frame, a vertically-movable marker, springs within said frame and upon which the marker is yieldingly supported, means for guiding the marker in its vertical movement, a moistener and hinges connecting the ends of the marker and moistener so that the former is reversible and may have either of its faces brought into contact with said moistener.

Signed by me this 21st day of December, 1905.

AARON GRUENBERG.

Witnesses:

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ISIDORE FATE.